



1
00:00:00,000 --> 00:00:02,583
(upbeat music)

2
00:00:09,095 --> 00:00:12,212
- We're on a earth calendar,
mars is on a mars calendar.

3
00:00:12,212 --> 00:00:14,897
A mars year is 687 days

4
00:00:14,897 --> 00:00:19,064
and so Mars Pennsylvania is
celebrating the Mars New Year.

5
00:00:21,076 --> 00:00:23,942
- This celebration is our
community coming together

6
00:00:23,942 --> 00:00:28,025
in celebration of learning
about mars as a planet

7
00:00:29,092 --> 00:00:31,552
and how humans explore it.

8
00:00:31,552 --> 00:00:34,521
Martian time keeping is
incredibly important because

9
00:00:34,521 --> 00:00:37,725
we have to be able to
navigate our space craft.

10
00:00:37,725 --> 00:00:41,469
We need to be able to send
messages to our space craft

11
00:00:41,469 --> 00:00:43,578
so that we can fulfill

our science missions

12

00:00:43,578 --> 00:00:45,425
on the surface of mars.

13

00:00:45,425 --> 00:00:47,952
- I, in fact, have a mars watch

14

00:00:47,952 --> 00:00:49,917
that tells me time of day,

15

00:00:49,917 --> 00:00:52,627
where the Rover Curiosity is on mars.

16

00:00:52,627 --> 00:00:55,805
Time of day makes a difference
when you're taking pictures.

17

00:00:55,805 --> 00:00:59,972
It has a rock record on the
surface that's ancient, ancient.

18

00:01:00,999 --> 00:01:03,012
So life started on this planet

19

00:01:03,012 --> 00:01:05,081
at least 3.5 billion years ago.

20

00:01:05,081 --> 00:01:07,234
There are rocks on the planet of mars

21

00:01:07,234 --> 00:01:09,237
from that period and earlier.

22

00:01:09,237 --> 00:01:11,037
It can tell us what was going on

23

00:01:11,037 --> 00:01:15,524

in the solar system when
life started on our planet.

24

00:01:15,524 --> 00:01:17,151

- It's so important to learn about mars

25

00:01:17,151 --> 00:01:18,778

because what we learn about mars

26

00:01:18,778 --> 00:01:20,853

is what we learn about earth.

27

00:01:20,853 --> 00:01:22,647

It's understanding our origins.

28

00:01:22,647 --> 00:01:24,735

It's understanding our sister planet

29

00:01:24,735 --> 00:01:26,819

and it's understanding how humans

30

00:01:26,819 --> 00:01:29,438

could survive in different atmospheres.

31

00:01:29,438 --> 00:01:32,914

There are so many ways to
teach the science of mars,

32

00:01:32,914 --> 00:01:35,862

to get involved and to interact, to read,

33

00:01:35,862 --> 00:01:38,129

to learn, to talk to people.

34

00:01:38,129 --> 00:01:41,847

There are so many people here
that are experts in the field.

35

00:01:41,847 --> 00:01:45,802

NASA is certainly inspiring
future generations.

36

00:01:45,802 --> 00:01:47,952

These types of events are so critical

37

00:01:47,952 --> 00:01:50,607

to next generations understanding

38

00:01:50,607 --> 00:01:54,937

how important it is for humans
to continue exploration.